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| <b>INFORMATION DISCLOSURE<br/>STATEMENT</b> | Applicants:          | Gerben Johan Hekstra   |
|   | Application No.      | 10/501,424   |
|   | Filed:               | July 13, 2004  |
|   | For:                 | <b>UNIT FOR AND METHOD<br/>OF ESTIMATING A<br/>CURRENT MOTION<br/>VECTOR</b> |
|   | Group Art Unit:      | 2482   |
|   | Examiner:            | Chikaodilie Anyikire   |
|   | Attorney Docket No.: | 348162-982080  |

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|--|-------------------------------------|---|
| Commissioner of Patents and Trademarks<br>P.O. Box 1450<br>Alexandria, VA 22313-1450   |                                     |   |
| Dear Sir:  |                                     |   |
| In accordance with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of record the references listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application. |                                     |   |
| This Information Disclosure Statement:   |                                     |   |
| (a)  | <input checked="" type="checkbox"/> | accompanies a Request for Continued Examination submitted herewith.   |
| (b)  | <input type="checkbox"/>            | is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; OR   |
| (c)  | <input type="checkbox"/>            | after the period defined in (b) but before the mailing date of a Final Rejection or Notice of Allowance, OR   |
| (d)  | <input type="checkbox"/>            | is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below OR   |
| (e)  | <input type="checkbox"/>            | is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(l)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.  |
| As required under § 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:  |                                     |   |
| (f)  | <input type="checkbox"/>            | Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or   |
| (g)  | <input type="checkbox"/>            | No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. |

Regarding the concise statements required for any foreign-language references, a copy of an associated foreign Office Action indicating the relevance is provided in English; see MPEP 609.04(a)(III).

It is respectfully requested that each of the references shown on the attached Form PTO-1449 be made of record in this application. Copies of the references are enclosed.

The Commissioner is authorized to charge any deficiencies and credit any overpayment of fees to our Deposit Account No. 07-1896.

Respectfully submitted,

Date: February 15, 2011

DLA PIPER LLP (US)

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*I hereby certify that this correspondence is being transmitted via electronic submission addressed to:  
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Alexandria, VA 22313-1450.*

February 15, 2011

*Date*

/Timothy W. Lohse/

*Timothy W. Lohse*

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| Form PTO-1449  | U.S. DEPT. OF COMMERCE<br>Patent and Trademark Office | Atty. Docket No.: <b>348162-982080</b> | Serial No.: <b>10/501,424</b> |
| INFORMATION DISCLOSURE CITATION<br>(Use several sheets if necessary) |   | Applicants: Gerben Johan Hekstra       |                               |
|  |   | Filing Date: 07/13/2004                | Group Art Unit: 2621          |

#### U.S. PATENT DOCUMENTS

| Examiners<br>Initials | Patent Number/<br>Publication Number | Date     | Name           | Class | Subclass | Filing Date |
|-----------------------|--------------------------------------|----------|----------------|-------|----------|-------------|
|                       | 5,428,403                            | 6/27/95  | Andrew et al.  |       |          |             |
|                       | 6,011,870                            | 1/4/00   | Jeng et al.    |       |          |             |
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|                       | 6,317,460                            | 11/13/01 | Lee            |       |          |             |

|  |                  |
|--|------------------|
| Examiner:  | Date Considered: |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. |                  |

#### FOREIGN PATENT DOCUMENTS

|  | Document<br>number | Date      | Country | Class | Sub-class | Translation |
|--|--------------------|-----------|---------|-------|-----------|-------------|
|  | JP 03-092979       | 4/18/1991 | Japan   |       |           | Yes         |
|  | JP 05-219499       | 8/27/1993 | Japan   |       |           | No          |
|  | JP 01-136533       | 5/18/2001 | Japan   |       |           | Yes         |
|  | JP 01-251628       | 9/14/2001 | Japan   |       |           | Yes         |
|  | EP 0496051         | 9/4/1996  | Europe  |       |           | No          |
|  | WO 00/34920        | 6/15/2000 | PCT     |       |           |             |
|  | WO 02/073974       | 1/28/2002 | PCT     |       |           |             |

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|  | Orchard, M.T.: "Predictive motion-field segmentation for image sequence coding"; IEEE Transactions on Circuits and Systems for Video Technology, IEEE Inc. New York, US, vol. 3., no. 1, 1 February 1993 (1993-02-01), pp. 54-70, XP000334579, ISSN: 1051-8215 |
|  | de haan, Gerard et al.: "True-Motion estimation with 3-D recursive search block matching"; IEEE Transactions on Circuits and Systems for Video Technology, vol. 3., no. 5, October 1993, pp. 368-379   |
|  | Rovati, Fabrizio S., et al.: "An innovative, high quality and search window independent motion estimation algorithm and architecture for MPEG-2 encoding"; IEEE Transactions on Consumer Electronics, vol. 46, no. 3, August 2000, pp. 697-705                 |
| Examiner:  | Date Considered:   |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. |  |